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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/075,917	02/13/2002	Kenneth Elmon Koch III	46872.269148 (UNCC 1717 2001-0	
7590 03/18/2005			EXAMINER	INER
Christopher L. Bernard			PAN, DANIEL H	
Kilpatrick Stock	ton LLP			·
3500 One Wachovia Center			ART UNIT	PAPER NUMBER
301 S. College St.			2183	
Charlotte, NC 28202-6001			DATE MAILED: 03/18/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

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APR 0 1 2005

**Technology Center 2100** 

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•	Application No.	Applicant(s)				
Office Action Summany	10/075,917	KOCH, KENNETH ELMON				
Office Action Summary	Examiner	Art Unit				
	Daniel Pan	2183				
The MAILING DATE of this communication a Period for Reply	ppears on the cover sheet with the (	correspondence address				
A SHORTENED STATUTORY PERIOD FOR REF THE MAILING DATE OF THIS COMMUNICATION  - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a rill f NO period for reply is specified above, the maximum statutory perions  - Failure to reply within the set or extended period for reply will, by state that the period for reply will, by state that the mail of the part of the part of the part of the provision of the prov	1.  1.136(a). In no event, however, may a reply be tile eply within the statutory minimum of thirty (30) day of will apply and will expire SIX (6) MONTHS from ute, cause the application to become ABANDONE	mely filed ys will be considered timely, the mailing date of this communication. ED (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 13	February 2005.					
2a) This action is <b>FINAL</b> . 2b) ⊠ Th	nis action is non-final.					
,—	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims						
4) ☐ Claim(s) 1-45 is/are pending in the application 4a) Of the above claim(s) is/are withdrest is/are allowed.  5) ☐ Claim(s) is/are allowed.  6) ☐ Claim(s) is/are rejected.  7) ☐ Claim(s) is/are objected to.  8) ☐ Claim(s) 1-45 are subject to restriction and/or	rawn from consideration.					
Application Papers						
9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) and applicant may not request that any objection to the Replacement drawing sheet(s) including the correction.  11) The oath or declaration is objected to by the	ccepted or b) objected to by the ne drawing(s) be held in abeyance. Se ection is required if the drawing(s) is ob	e 37 CFR 1.85(a). njected to. See 37 CFR 1.121(d).				
Priority under 35 U.S.C. § 119						
<ul> <li>12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority docume</li> <li>2. Certified copies of the priority docume</li> <li>3. Copies of the certified copies of the priority docume</li> <li>* See the attached detailed Office action for a limited copies.</li> </ul>	ents have been received. Ents have been received in Applicate Fiority documents have been receive Fieau (PCT Rule 17.2(a)).	ion No ed in this National Stage				
Attachment/s)						
Attachment(s)  1) Notice of References Cited (PTO-892)	4) Interview Summary	/ (PTO-413)				
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail D					
<ol> <li>Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0 Paper No(s)/Mail Date</li> </ol>	6) Other:	Trans. (				

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Claims 1-45 are subjected to restriction requirements.

I. Claims 1-27, drawn to a logic system with input /output interfaces, classified in class 326, subclass 63.

- II. Claims 28-38, drawn to the starting of the starting of logic operation with evaluation of conjunct and selectively short circuiting Boolean expression portion, classified in class 712, subclass 223.
- III. Claims 39-41, drawn to a storage system with the increment of memory line, classified in class 711, subclass 219.
- IV. Claims 42-45, drawn to a system with storage seek and found lines, classified in class 714, subclass 730.

The inventions are distinct, each from the other because:

Inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such as a system which did not have the starting of the starting of logic operation with evaluation of conjunct and selectively short circuiting Boolean expression portion. See MPEP § 806.05(d).

Inventions I and III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are

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shown to be separately usable. In the instant case, invention I has separate utility such as a system which did not have a storage system with the increment of memory line. See MPEP § 806.05(d).

Inventions I and IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such as a system which did not have storage seek and found lines. See MPEP § 806.05(d).

Inventions II and III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention II has separate utility such as a system which did not have a storage with the increment of memory line. See MPEP § 806.05(d).

Inventions II and IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention II has separate utility such as a system which did not have a system with storage seek and found lines . See MPEP § 806.05(d).

Inventions III and IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention III has separate

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utility such as a system which did not have a system with storage seek and found lines . See MPEP § 806.05(d).

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dan Pan whose telephone number is 703 305 9696, or the new number 571 272 4172. The examiner can normally be reached on M-F from 8:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan, can be reached on 703 305 9712, or the new number 571 272 4162. The fax phone number for the organization where this application or proceeding is assigned is 703 306 5404.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

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